

MR Form 3
(Revised 1984)

ACT/037/025
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JUN 03 1985

DIVISION OF OIL
GAS & MINING

ANNUAL OPERATIONS AND PROGRESS REPORT

From Month/Year Jan/1984
to Month/Year Dec/1984

*(To be submitted for each mining operation at the end of each calendar year to the Division at this address:)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING
355 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203
(801) 538-5340

OPERATOR: Umetco Minerals Corp. MINE NAME: Deremo-Peterson

ADDRESS: P.O. Box 307, La Sal, Utah 84530

PERMIT NUMBER AND DATE OF PERMIT: ACT/037/025-----12/21/78

REPRESENTATIVE: Bruce A. Greene

SECTION(S): 2,10,11
14,15 TOWNSHIP(S): 33S RANGE(S): 26E

MINERAL(S) MINED: Uranium

STATE AND/OR FEDERAL MINERAL LEASE NUMBERS: UML #23842, UML #27247, UML #27248

SPECIAL USE PERMITS AND/OR RIGHTS-OF-WAY: none

Section 40-8-15 and Rule M-8 of the Utah Mined Land Reclamation Act, requires each operator to include with this report an up-dated map and plan prepared in accordance with Rule M-3, as outlined in the requirements for annual report maps in Appendix I, providing a detailed status of all mining and reclamation activities which have occurred during the past year.

The report should include:

MINING:

(a) Tabulation of acreage disturbed (by pits, roads, facilities, etc.) during the report period with illustration on a current map.

<u>Disturbance</u>	<u>Acreage</u>
Pit	not applicable
Roads	<u>none</u>
Facilities	<u>"</u>
Waste Dumps	<u>"</u>
Other	<u>"</u>

(b) Tabulation of acreage affected to date (by years).

<u>Date by Year</u>	<u>Acreage (Total)</u>
1975	<u>unknown</u>
1976	<u>"</u>
1977	<u>"</u>
1978	<u>"</u>
1979	<u>7</u>
1980	<u>7</u>
1981	<u>7</u>
1982	<u>7</u>
1983	<u>7</u>
1984	<u>7</u>

(c) Tabulation of all topsoil (new) stockpile volumes (see chart below) and date of stockpiling.

SOIL TABULATION CHART

Area Affected (in mining sequence) (If more space is needed, please attach.)	Area			
	1	2	3	etc.
	none			
Acreage of Area	<hr/>			
Depth of Topsoil Removal (inches)	<hr/>			
Depth of Topsoil Replacement (inches)*	<hr/>			
Estimate of Topsoil Volume Salvaged (yd ³ or ac ft)	<hr/>			
Volume Actually Salvaged (yd ³ or ac ft)	<hr/>			
Volume Required for Reclamation (yd ³ or ac ft)	<hr/>			
Surplus or Deficit Volume (yd ³ or ac ft)	<hr/>			
Storage Status (short- or long-term)	<hr/>			

Soil Tabulation Chart (continued)

Area Affected (in mining sequence)	Area			
	1	2	3	etc.
	none			
Storage Location				
Area Where Soil Has Been Used (if not stored)				
Running Total (all stockpiles) (yd ³ or ac ft)				
Short-term				
Long-term				

*Of previously stripped area recently reclaimed.

(d) Tabulation of all (newly removed) out-of-pit spoil volumes, date of placement and illustration on a map.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
none		

(e) Tabulation of quantity of commodity mined.

	<u>Commodity</u>	<u>Tonnage</u>
(Mined)	Uranium Ore	3060
(Milled)	"	"

(f) Description of any new construction during the report period with illustration on a map, including, but not limited to:

- Buildings and support facilities.
none

- Roads.
none

3. Diversion ditches, collector ditches, interceptor ditches, etc.
none

4. Culverts.
none

5. Sediment ponds, containment ponds.
none

6. Monitoring sites (vegetative, air quality, surface subsidence,
surface water or ground water, etc.).
none

7. Topsoil stockpiles.
none

(g) Description of any environmental problem areas with a proposed plan
for mitigation and illustration on a map, including, but not limited to:

1. Pit stability problems.
non-applicable

2. Subsidence.
none

3. Accidental water discharge, dam failure, etc.
none

4. Slumping, sliding or erosion.
none

5. Revegetation problem areas.
none

6. Existence and location of unsuitable (toxic) overburden.
none

RECLAMATION:

(a) Tabulation of the acreage reclaimed during the report period with illustration on a map, distinguishing between:

1. Backfilled, graded and contoured areas.

<u>Area</u>	<u>Acreage</u>
Peterson Pond	1.1
(see inclosed pictures)	

2. Topsoiled areas.

<u>Area</u>	<u>Acreage</u>
Peterson Pond- July 9, 1984	1.1
removed pond sediments to bedrock	
up to 3 ft. in depth, replaced	
topsoil - sediments placed on	
waste pile	

3. Seeded areas.

<u>Area</u>	<u>Acreage</u>
Peterson Pond seeded by Tandowner	1.1

4. Reseeded areas (areas previously seeded, then seeded again).

<u>Area</u>	<u>Acreage</u>
none	

(b) Tabulation of total acreage reclaimed (seeded with permanent seed mix) to date by years with illustration on an updated map:

<u>Year</u>	<u>Acreage</u>
1975	
1976	
1977	
1978	
1979	
1980	
1981	
1982	
1983	
1984	1.1

(c) Description of the reclamation procedures used during the report period, including:

1. Average depth of topsoil applied.
18 inches

2. Type of seed (species) used for seeding during the report period.
crested wheatgrass : Nordan, yellow sweetclover, western wheatgrass,
four-wing saltbrush, galleta grass: viva, sand drop seed

3. Date of seeding during the report period.

Spring JULY 9, 1984

Fall by landowner

4. Seeding procedures used.

(Hand broadcast or drilled or any other).
hand broadcast

5. Rate of seed application.

Pounds Per Acre of Pure Live Seed (PLS) (if varied, please explain)
approx. 15 lbs. per acre

6. Type and rate of fertilizer applied.
none

7. Type and rate of mulch applied.
none

8. Rate of irrigation water applied, if any. Please describe any
type of sprinkling, or water applied (water truck, etc.).
none

9. Revegetation test plot information.

(Cover, density, productivity, etc.)

10. Soil analysis results.

none

(d) Description of results of previous revegetation efforts, including:
(This should be done as applicable.)

1. Types (species) of seed that have germinated and are growing.

none

2. Types (species) of seed that are not growing successfully.

none

3. Areas experiencing problems with weeds and weed types.

none

4. Significant erosional problems.

none

5. Areas of unsuitable overburden on the surface as related to
revegetation failure.

none

6. Procedures used or proposed to correct these problems.

none

7. Acreage and dates of release (upon inspection by the State) of revegetated areas.

<u>Area</u>	<u>Date</u>	<u>Acreage</u>
none		

8. Results of soil analysis.

none

(e) Summarization of the reclamation costs incurred during the report period, including itemized costs for each operation (i.e., grading, topsoil replacement, seeding, etc.) and for each type of disturbance (i.e., spoil, haul roads, facilities removal, etc.) on a per acre basis.

	<u>Acres</u>	<u>Cost/Acre</u>
1. Grading remove sediments	<u>1.1</u>	<u>\$416.00</u>
2. Backfilling	<u></u>	<u></u>
3. Contouring	<u></u>	<u></u>
4. Topsoil Replacement	<u>1.1</u>	<u>\$427.27</u>
5. Seeding	<u>1.1</u>	<u>\$150.00</u>
A. Seedbed Preparation	<u></u>	<u></u>
B. Mulch	<u></u>	<u></u>
C. Fertilizer	<u></u>	<u></u>
D. Seed	<u></u>	<u></u>
6. Other	<u></u>	<u></u>

BOND INFORMATION:

- A. An updated bond estimate should be included, if required in the Division's approval of the Mining and Reclamation Plan (MRP) or if changes to the MRP have occurred, including a detailed itemization of actual/estimated reclamation costs as outlined in the RECLAMATION section above. The date of the release of revegetated areas from further responsibility for a partial bond release, if applicable, should also be included.

	<u>Amount</u>	<u>Type</u>	<u>Date Posted</u>
Present Bond	<u>\$33,332.00</u>	<u>surety contract</u>	<u>Jan. 25, 1984</u>

Increased disturbance, if any:

none

Increased Bond Amount (attached reclamation estimate).

B. Bond release.

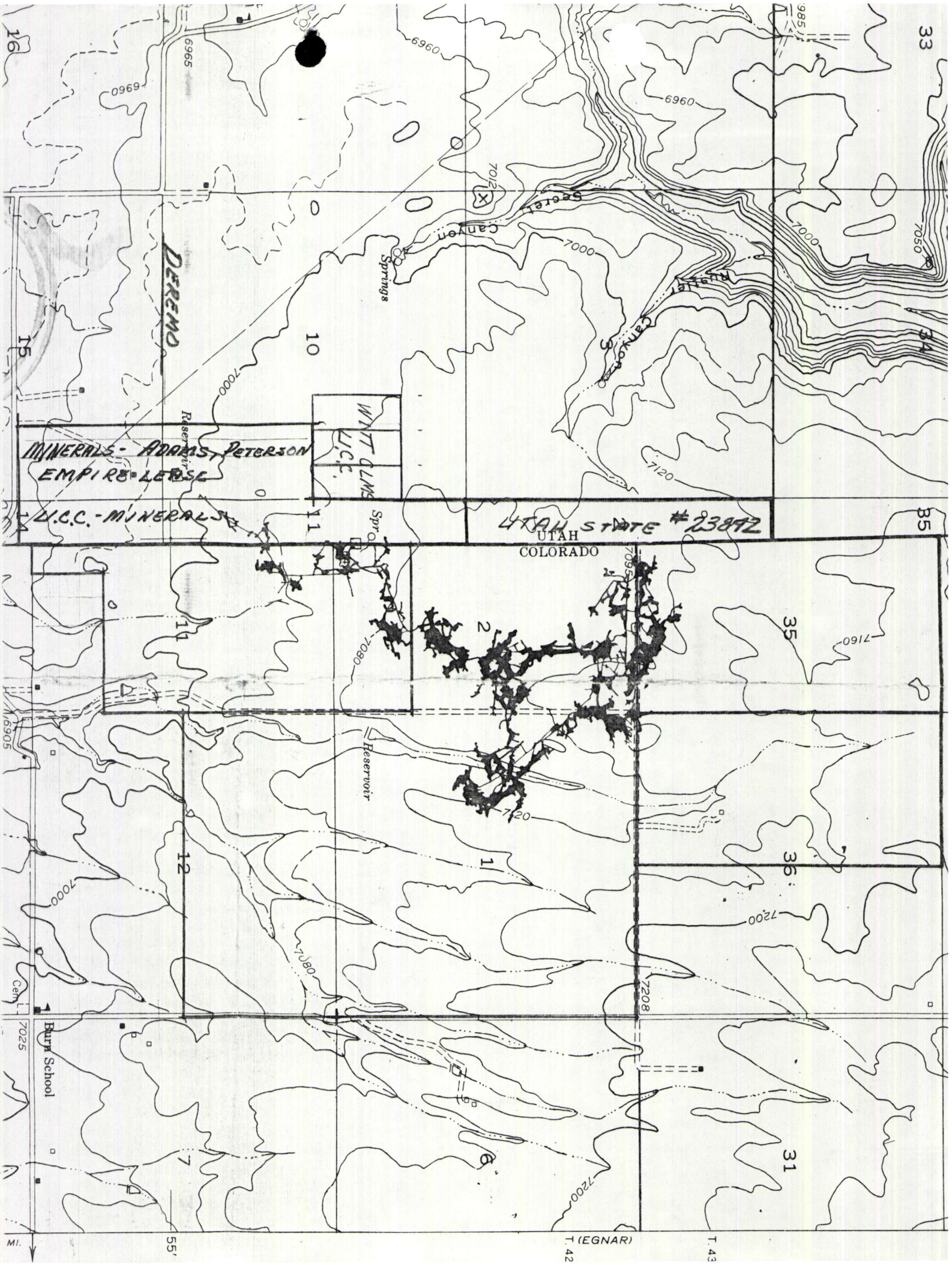
<u>Acres</u>	<u>Bond Amount Released</u>	<u>Date</u>
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

ADDITIONAL INFORMATION:

Supply any additional information as requested by the Division related to:

- (a) Permit stipulations (status).
- (b) Other special conditions (status).

The mine was placed on temporary standby at the end of February and no other activity was made during the year except the reclamation of the Peterson Pond area. The permit was transferred from Union Carbide Corp. to Umetco Minerals Corp. on 1/25/85. A surety contract was made to cover the new bond estimate and approved on 1/25/85.



DEREMO

MINERALS - ADAMS, PETERSON
EMPIRE LEASE

U.C.C. - MINERALS

WINT CLMS
L.C.C.

UTAH STATE #23892
UTAH
COLORADO

Reservoir

Springs

2

1

35

36

31

Burn School

MI.

(EGNAR)

T. 43

T. 42

S5

16

15

10

11

14

12

7

33

34

35

36

31

985

6969

6965

6960

6960

7000

7050

7000

7120

7160

7200

7208

7200

7080

7080

7085

7025